Subject Index to Volume 7

Note: Abstracts from the 11th Annual Meeting can be found in the March/April 1986 Supplement.

A

β-Adrenergic receptors, in ventral prostate, radioautographic localization (rat), 169
Age/aging
  accessory gland function, and 93
  seminiferous tubule changes and, 316
  spermatogenesis and, 331
American Society of Andrology, history, 72
Aminoglutethimide, and testosterone regulation of gonadotropin secretion (dog), 234
Androgen-binding protein (ABP) (rat)
  bidirectional secretion, 175
  heterogeneity, 175
  serum levels, during sexual maturation, 49
Androgen receptors, in vas deferens, autoradiographic study, 197
Antifertility agents
  histrelin, 140
  gossypol. *See* Gossypol
  LHRH agonists, 140, 228
  SC-12937, 277
Antimitotic drugs, in male rats, effects on offspring, 378
Autoradiography
  localization of β-adrenergic receptors in ventral prostate (rat), 169
  localization of tritium-labeled DHT in vas, 197
Azoospermia
  BCG-induced, reversibility of (animals), 264
  etiologic diagnosis, epididymal enzyme markers for, 156
  excretory, artificial spermatocele for, 220
  obstructive
    seminal carnitine in, 328
    seminal α-glucosidase in, 156

B

BCG (*Bacillus* Calmette Guerin), intratesticular injection, azoospermia from (animals), 264
Behavioral abnormalities, in offspring of male rats treated with antimitotic drugs, 378
Book review, Barrett DM, Wein AJ (eds): Controversies in Neuro-urology, 122

C

Carnitine, seminal plasma concentration, in azoospermia, 156, 328
Cervical mucus penetration, in infertility, 3
Contraceptives, male. *See* Antifertility agents; Gossypol
Cryptorchidism, Leydig cell production of estrogen in (boar, stallion), 100
Culture techniques
  dual environment culture chambers, growth and characteristics of polarized monolayers of epididymal epithelial cells and Sertoli cells, 59
  Sertoli cell, 69
Cyclophosphamide, in male rat, deaths and behavioral abnormalities in offspring, 378

D

DHT. *See* Dihydrotestosterone
Diazacholesterol dihydrochloride (SC-12937), effect on rat testis, 277
Diet, testosterone feedback and FSH and LH secretion and (rat), 292
Dihydrotestosterone (DHT)
  distribution in vas deferens, autoradiographic study, 197
  estradiol or prolactin plus, effect on collagen of prostate and seminal vesicles (rat), 55

E

Electrophoresis, polyacrylamide gel, epididymal luminal proteins (mouse), 163
Epididymis
  enzyme marker, 156
  epithelial cell, culture technique, 59
  luminal proteins, identification and isolation (mouse), 163
Estradiol
  androgens plus, effect on collagen of prostate and seminal vesicles (rat), 55
  in gonadotropin secretion regulation (dog), 234
  in prolactin regulation (rat), 105
Estrogens. *See also* Estradiol
  Leydig cell production of, in cryptorchid testis (boar, stallion), 100
  neonatal administration, testicular effects (rat), 112
Extracellular matrix, in epididymal epithelial cell and Sertoli cell culture, 59

F

Fatty acids, activation, in sperm, 323
Fertility
  assessment, morphometric analysis of sperm, 203
  regulation. *See also* Antifertility agents
    BCG-induced azoospermia (rat), 264
  varicocele correction and, 147
Fertilization, in vitro, hypoosmotic swelling test, 190
Filipin, in study of Sertoli cell junctional complexes in gossypol-treated guinea pigs, 127
Follicle-stimulating hormone. *See* FSH
Freeze-fracture study, Sertoli cell junctional complexes in gossypol-treated guinea pigs, 127
FSH
  plasma levels, correlation with seminal transferrin, 77
  secretion, negative feedback of testosterone on (rat), 292
  and vitamin A modifications of Sertoli cell glycopeptides, 303
FSH-binding inhibitor, in bovine testis, 42

G

Germ cell
  degeneration, aging and, 331
  effect of diazacholesterol dihydrochloride on (rat), 277
  quantitation, in contralateral testis in unilateral torsion (guinea pigs), 16
α-Glucosidase, in etiologic diagnosis of azoospermia, 156

Glycopeptides, in Sertoli cells, vitamin A and (rat), 303
Gonadotropin secretion, regulation of, testosterone in (dog), 234
Gossypol
  inhibition of sperm-specific isozyme of lactate dehydrogenase (monkey), 367
  Sertoli cell junctional complex development and (guinea pig), 127
  testicular pellet implant, endocrine and morphologic changes (rat), 254
Granuloma, spermatic, post vasectomy and vasovasostomy (rat), 285

H

Hamster oocyte assay, sperm-cervical mucus interaction in infertility, 3
Histrelin, antifertility effects (rat), 140

I

Infertility
  sperm-cervical mucus interaction in, 3
  sperm motility and, motility inhibitors in, 215
  testosterone and LH relationships, 310
  in varicocele patient, prognosis following repair, 147
Iron, transcellular transport in Sertoli cells, transferrin-mediated (rat), 355

K

Kallmann's syndrome, variant of, 224

L

Lactate dehydrogenase-C_4, inhibition by gossypol (monkey), 367
Laser, light-scattering study, methylmercury toxicity on sperm motility (monkey), 11
Leydig cell
  destruction, intratesticular testosterone and (rat), 240
  dysfunction, LH-testosterone relationships in, 310
  estrogen production by, in cryptorchidism (boar, stallion), 100
  radiation effects (rat), 32
LH
  pulse characteristics, in normal males, 83
  relation to testosterone, in infertile males, 310
  secretion, negative feedback of testosterone on, diet and (rat), 292
LH-binding inhibitor, in bovine testis, 42
LHRH agonist
  analogs, testosterone plus, sperm density profiles and, 228
  antifertility effects (rat), 140
Long-chain fatty acid: CoASH ligase, in sperm, kinetics of, 323
Luteinizing hormone. *See* LH

M

Methylmercury, sperm motility and, laser light-scattering study (monkey), 11
Morphometry
  neonatal estrogenization and testicular development (rat), 112
  spermatozoa, in fertility assessment, 203

N

Neonate, estrogenization, testicular development and (rat), 112

O

Obstruction, genital tract
  seminal carnitine in, 328
  seminal α-glucosidase in, 156

P

Palmitic acid, activation, in sperm, 323
Pituitary, prolactin levels, testosterone and estradiol and (rat), 105
Prolactin
  androgens plus, effect on collagen of prostate and seminal vesicles (rat), 55
  regulation of, testosterone and estradiol in (rat), 105
Prostate
  function, age and, 93
  ventral
    β-adrenergic receptors in, radioautographic localization (rat), 169
  sex steroid-induced changes in collagen of (rat), 55
Prosthesis, silicon, cup-shaped, for excretory azoospermia, 220
Protein
  androgen-binding, 49, 175
  epididymal lumen, identification and isolation (mouse), 163
Puberty
  delayed, 224
  serum free testosterone levels (rat), 49

R

Radiation therapy, testicular effects (rat), 32
Radioautography. *See.* Autoradiography
Retinol. *See* Vitamin A
Ross, Griff I., 1

S

SC-12937. *See* Diazacholesterol dihydrochloride
Semen analysis
  age-related changes, 93
  stability of basic semen measures and abnormal morphologic forms within individual, 211
Seminal plasma
  free carnitine in, in azoospermia, 156
  α-glucosidase in, in azoospermia, 156
  motility inhibitors in, 215
  transferrin levels, Sertoli cell function and, 77
Seminal vesicle
  function, age and, 93
  sex steroid-induced changes in collagen of (rat), 55
Seminiferous tubules
  age-related variations in, 316
  failure, LH-testosterone relationships in, 310
  morphology, Leydig cell destruction and (rat), 240
Sertoli cell
  culture techniques, 59, 69
  dysfunction, testicular interstitial fluid factors and (rat), 180
  effect of diazacholesterol dihydrochloride on (rat), 277
  function, seminal transferrin levels, and, 77
  glycopeptide composition, vitamin A modification of (rat), 303
  junctional complexes, in gossypol-treated guinea pigs, 127
  morphology, testicular gossypol implant and (rat), 254
  neonatal estrogenization and (rat), 112
  radiation effects (rat), 32
  transferrin-mediated transcellular transport of iron (rat), 355
Sexual maturation, serum free testosterone, total testosterone and androgen-binding protein during (rat), 49
Spermatic cord torsion, unilateral

effect on contralateral testis (guinea pig), 16
testicular pathology (rat), 23
Spermatocele, artificial, for excretory azoospermia, 220
Spermatogenesis
aging and, 331
antimitotic drug therapy and (rat), 378
intratesticular testosterone and (rat), 240
LHRH agonist analog and, 228
testicular gossypol implant and (rat), 254
Spermatozoa
age-related changes, 93
aspiration from silicon prosthesis, chemical treatment prior to cervical insemination, 220
cervical mucus penetration, in infertility, 3
count, effect of long-term varicocele on (rat), 271
hypoosmotic swelling test, 190
long-chain fatty acid: CoASH ligase kinetics, 323
morphology, abnormal forms, within-subject variation, 211
morphometric analysis, in fertility assessment, 203
motility
effect of long-term varicocele on (rat), 271
methylmercury and (monkey), 11
motility inhibitor in, 215
movement characteristics, and cervical mucus penetration, in infertility, 3
swelling in hypoosmotic medium, in vitro fertilization and, 190

T

Testis
age-related changes, 316
blood flow, effects of varicocele and varicocele repair on (rat), 271
cryptorchid, estrogen production in (boar, stallion), 100
development, neonatal estrogenization and (rat), 112
effect of diazacholesterol dihydrochloride on (rat), 277
FSH-binding inhibitor in (calf), 42
germ cell degeneration in contralateral testis in unilateral torsion (guinea pig), 16
gossypol pellet implantation, endocrine and morphologic changes (rat), 254
interstitial fluid factors affecting testosterone secretion (rat), 180
pathologic changes, in spermatic cord torsion (rat), 23
spermatic granuloma formation and (rat), 285
temperature, effects of varicocele and varicocele repair on (rat), 271
testosterone concentrations during seasonal cyclicity (squirrel monkey), 298
weight, spermatic granuloma and, 285
Testosterone
free, and sexual maturation (rat), 49
intratesticular distribution, Leydig cell destruction and (rat), 240
intratesticular regulation (rat), 180
negative feedback efficacy on gonadotropin secretion, diet and, 292
in prolactin regulation (rat), 105
in gonadotropin secretion regulation (dog), 234
relation to LH, in infertile males, 310
testicular and serum variations during seasonal cyclicity (squirrel monkey), 298
total, free testosterone levels vs, during sexual maturation (rat), 49
Testosterone propionate, estradiol or prolactin plus, effect on collagen of prostate and seminal vesicles (rat), 55
Torsion of spermatic cord, unilateral
effect on contralateral testis (guinea pig), 16
testicular pathology (rat), 23
Transferrin
-mediated transcellular transport of iron in Sertoli cell (rat), 355
in seminal plasma, Sertoli cell function and, 77

V

Varicocele
long-term effects on testicular blood flow and temperature and on sperm count and motility (rat), 271
repair
effects on testicular blood flow and temperature and on sperm count and motility (rat), 271
fertility following, 147
Vas deferens, DHT distribution in, autoradiographic study, 197
Vasectomy, spermatic granulomas following (rat), 285
Vasovasostomy
seminal carnitine following, 328
spermatic granuloma following (rat), 285
Videomicrography, morphometric analysis of sperm, 203
Vinblastine, in male rat, deaths and behavioral abnormalities in offspring, 378
Vitamin A (retinol), glycopeptide composition of cultured Sertoli cells and (rat), 303

Author Index to Volume 7

A

Ager, J. W.: *see* Poland, M. L.
Aguilar, R.: *see* Gaytan, F.
Ahluwalia, B., Hypolite, F., Anderson, W.: Morphologic and endocrine changes in the reproductive organs in rats implanted with gossypol acetate pellet in the testis, 254
Aitken, R. J., Warner, P. E., Reid, C.: Factors influencing the success of sperm-cervical mucus interaction in patients exhibiting unexplained infertility, 3
Al-Hasani, S.: *see* Van der Ven, H. H.
Ali, H. B.: *see* Guerin, J-F.
Anderson, W.: *see* Ahluwalia, B.
Aruldhas, M. M.: *see* Srinivasan, N.
Auroux, M. R., Dulioust, E. M., Nawar, N. Y., Yacoub, S. G.: Antimitotic drugs (cyclophosphamide and vinblastine) in the male rat deaths and behavioral abnormalities in the offspring, 378
Awoniyi, C., Hasson, T., Chandrashekar, V., Falvo, R. E., Schanbacher, B. D.: Regulation of gonadotropin secretion in the male: effect of an aromatization inhibitor in estradiol-implanted, orchidectomized dogs, 234

B

Baker, H. W. G.: *see* Morrow, A. F.
Bandhauer, K.: *see* Tomamichel, G. R.
Bardin, C. W.: *see* Cheng, C. Y.
Bartlett, J. M. S., Kerr, J. B., Sharpe,

R. M.: The effect of selective destruction and regeneration of rat leydig cells on the intratesticular distribution of testosterone and morphology of the seminiferous epithelium, 240
Bartlett, J. M. S.: *see* Kerr, J. B.
Bauman, A.: Markedly delayed puberty or Kallmann's syndrome variant, 224
Beckman, W. C., Jr., Fried, F. A., Stafford, S. J., Mickey, D. D.: Autoradiographic localization of tritium-labeled dihydrotestosterone in human vas deferens,, 197
Bloom, T. D.: *see* Katz, D. F.
Bonifer, T. M.: *see* Piacsek, B. E.
Budd, C. A.: *see* Jhunjhunwala, J. S.
Burbacher, T. M.: *see* Mohamed, M. K.
Burger, H. G.: *see* Morrow, A. F.
Businaro, V.: *see* Foresta, C.
Byers, S. W., Hadley, M. A., Djakiew, D., Dym, M.: Growth and characterization of polarized monolayers of epididymal epithelial cells and sertoli cells in dual environment culture chambers, 59
Byers, S. W.: *see* Djakiew, D.

C

Caloıas, D.: *see* Flickinger, C. J.
Chakraborty, J.: *see* Hikim A. P. S.; *also see* Jhunjhunwala, J. S.
Chandrashekar, V.: *see* Awoniyi, C.
Cheng, C. Y., Gunsalus, G. L., Morris, I. D., Turner, T. T., Bardin, C. W.: The heterogeneity of rat androgen binding protein (rABP) in the vascular compartment differs from that in the testicular tubular lumen: further evidence for bidirectional secretion of rABP, 175
Cockett, A. T. K.: *see* Cosentino, M. J.
Colillas, O.: *see* Pasqualini, T.
Cosentino, M. J., Nishida, M., Rabinowitz, R., Cockett, A. T. K.: Histopathology of prepubertal rat testes subjected to various durations of spermatic cord torsion, 23
Czyba, J-C.: *see* Guerin, J-F.

D

de Lamirande, E., Sherins, R. J., Gagnon, C.: The presence of a motility inhibitor within spermatozoa may explain the poor sperm motility of some infertile men, 215
Delic, J. I., Hendry, J. H., Morris, I. D., Shalet, S. M.: Dose and time relationships in the endocrine response of the irradiated adult rat testis, 32
Deslypere, J. P.: *see* Vermeulen, A.
Diedrich, K.: *see* Van der Ven, H. H.
Djakiew, D., Hadley, M. A., Byers, S. W., Dym, M. : Transferrin-mediated transcellular transport of ^{59}Fe across confluent epithelial sheets of sertoli cells grown in bicameral cell culture chambers, 355
Djakiew, D.: *see* Byers, S. W.
Donadel, C.: *see* Foresta, C.
Dube, D., Poyet, P., Pelletier, G., Labrie, F.: Radioautographic localization of -adrenergic receptors in the rat ventral prostate, 169
Dulioust, E. M.: *see* Auroux, M. R.
Dym, M.: *see* Byers, S. W.; *also see* Djakiew, D.

E

Ertl K. E.: *see* Flickinger, C. J.
Evans, W. S.: *see* Veldhuis, J. D.

F

Falvo, R. E.: *see* Awoniyi, C.
Flickinger, C. J., Herr, J. C., Ertl K. E.: Identification and isolation of epididymal luminal proteins of the mouse, 163
Flickinger, C. J., Yarbro, E. S., Howards, S. S., Herr, J. C., Caloras, D., Gallien, T. N., Spell, D. R.: The incidence of spermatic granulomas and their relation to testis weight after vasectomy and vasovasostomy in lewis rats, 285
Foldesy, R. G., Vanderhoof, M. M., Hahn, D. W.: Lack of correlation between fertility and sperm numbers in male rats treated with histrelin, a potent LHRH agonist, 140
Foresta, C., Manoni, F., Businaro, V., Donadel, C., Indino, M., Scandellari, C.: Possible significance of transferrin levels in seminal plasma of fertile and infertile men, 77
Fraser, H. M.: *see* Kerr, J. B.
Fried, F. A.: *see* Beckman, W. C., Jr.
Friend, D. S.: *see* Pelletier, R-M.
Friendship, R. M.: *see* Ryan P. L.

G

Gagnon, C.: *see* de Lamirande, E.
Galdieri, M., Nistico, L.: Vitamin A modifies the glycopeptide composition of cultured sertoli cells, 303
Gallien, T. N.: *see* Flickinger, C. J.
Gaytan, F., Pinilla, L., Aguilar, R., Lucena, M. C., Paniagua, R.: Effects of neonatal estrogen administration on rat testis development with particular reference to sertoli cells, 112
Giblin, P. T.: *see* Poland, M. L.
Goh, P.: *see* Stephens, D. T.
Govindarajulu, P.: *see* Srinivasan, N.
Guerin, J-F., Ali, H. B., Rollet, J., Souchier, C., Czyba, J-C.: -glucosidase as a specific epididymal enzyme marker: its validity for the etiologic diagnosis of azoospermia, 156
Gunsalus, G. L.: *see* Cheng, C. Y.

H

Hadley, M. A.: *see* Byers, S. W.; *also see* Djakiew, D.
Hahn, D. W.: *see* Foldesy, R. G.
Hasson, T.: *see* Awoniyi, C.
Hendry, J. H.: *see* Delic, J. I.
Herr, J. C.: *see* Flickinger, C. J.
Hikim A. P. S., Chakraborty, J.: Effects of diazacholesterol dihydrochloride (SC-12937), an avian antifertility agent, on rat testis, 277
Hikim, A. P. S.: *see* Jhunjhunwala, J. S.
Hoskins, D. D.: *see* Stephens, D. T.
Howards, S. S.: *see* Flickinger, C. J.; *also see* Hurt, G. S.
Hurt, G. S., Howards, S. S., Turner, T. T.: Repair of experimental varicoceles in the rat: long-term effects on testicular blood flow and temperature and cauda epididymidal sperm concentration and motility, 271
Hypolite, F.: *see* Ahluwalia, B.

I

Imamura, K.: *see* Yoshida, H.
Indino, M.: *see* Foresta, C.
Interlandi, J. W.: *see* Pavlou, S. N.
Iranmanesh, A.: *see* Veldhuis, J. D.

J

Janecki, A., Steinberger, A.: Polarized sertoli cell functions in a new two-compartment culture system, 69
Jeyendran, R. S.: *see* Van der Ven, H. H.
Jhunjhunwala, J. S., Hikim, A. P. S., Budd, C. A., Chakraborty, J.: Germ cell degeneration in the contralateral testis of the guinea pig with unilateral torsion of the spermatic cord: quantitative and ultrastructural studies, 16
Johnson, L.: Spermatogenesis and aging in the human, 331
Johnson, L., Petty, C. S., Neaves, W. B.: Age-related variations in seminiferous tubules in men: a stereologic evaluations, 310
Johnson, M. L.: *see* Veldhuis, J. D.
Jones, R. E., Plymate, S. R.: Kinetics of human spermatozoa long-chain fatty acid: CoASH ligase, 323

K

Katz, D. F., Overstreet, J. W., Samuels, S. J., Niswander, P. W., Bloom, T. D., Lewis, E. L.: Morphometric analysis of spermatazoa in the assessment of human male fertility, 203
Kerr, J. B., Sharpe, R. M., Fraser, H. M., Bartlett, J. M. S.: Intratesticular factors and testosterone secretion: effect of treatments that alter the level of

testosterone within the testis, 180
Kerr, J. B.: *see* Bartlett, J. M. S.
Klimkow, N. M.: *see* Stephens, D. T.
Krishnan, K. K., Sluss, P. M., Reichert, L. E., Jr.: Low molecular weight FSH binding inhibitor in bovine testis, 42

L

Labrie, F.: *see* Dube, D.
Lee, W. I.: *see* Mohamed, M. K.
Lewis, E. L.: *see* Katz, D. F.
Lizarralde, G.: *see* Veldhuis, J. D.
Lucena, M. C.: *see* Gaytan, F.

M

Manoni, F.: *see* Foresta, C.
Mickey, D. D.: *see* Beckman, W. C., Jr.
Miyamoto, K.: *see* Yoshida, H.
Moghissi, K. S.: *see* Poland, M. L.
Mohamed, M. K., Lee, W. I., Mottet, N. K., Burbacher, T. M.: Laser light-scattering study of the toxic effects of methylmercury on sperm motility, 11
Morris, I. D.: *see* Cheng, C. Y.; *also see* Delic, J. I.
Morrow, A. F., Baker, H. W. G., Burger, H. G.: Different testosterone and LH relationships in infertile men, 310
Mottet, N. K.: *see* Mohamed, M. K.

N

Nawar, N. Y.: *see* Auroux, M. R.
Naz, R. K., Talwar, G. P.: Reversibility of azoospermia induced by bacillus calmette-guerin, 264
Nazian, S. J.: Concentrations of free testosterone, total testosterone, and androgen binding protein in the peripheral serum of male rats during sexual maturation, 49
Neaves, W. B.: *see* Johnson, L.
Nishida, M.: *see* Cosentino, M. J.
Nistico, L.: *see* Galdieri, M.
Niswander, P. W.: *see* Katz, D. F.

O

Ogawa, H.: *see* Yoshida, H.
Oldereid, N. B.: *see* Rui, H.
Olson, J. M.: *see* Poland, M. L.
Overstreet, J. W.: *see* Katz, D. F.

P

Paniagua, R.: *see* Gaytan, F.
Pasqualini, T., Colillas, O., Rivarola, M. A.: Testicular and serum testosterone variations in squirrel monkeys during seasonal cyclicity, 298
Patterson, A. P.: *see* Shi, Y.
Pavlou, S. N., Interlandi, J. W., Wakefield, G., Rivier, J., Rabin, D.: Heterogeneity of sperm density profiles following 16-week therapy with continuous infusion of high-dose LHRH analog plus testosterone, 228
Pelletier, G.: *see* Dube, D.
Pelletier, R-M., Friend, D. S.: Sertoli cell junctional complexes in gossypol-treated neonatal and adult guinea pigs, 127
Perez-Pelaez, M.: *see* Van der Ven, H. H.
Petty, C. S.: *see* Johnson, L.
Piacsek, B. E., Bonifer, T. M., Tan, R. C.: Altered testosterone feedback in pubertal male rats raised on reduced caloric intake, 292
Pinilla, L.: *see* Gaytan, F.
Plymate, S. R.: *see* Jones, R. E.
Poland, M. L., Moghissi, K. S., Giblin, P. T., Ager, J. W., Olson, J. M.: Stability of basic semen measures and abnormal morphology within individuals, 211
Poyet, P.: *see* Dube, D.
Purvis, K.: *see* Rui, H.

R

Rabin, D.: *see* Pavlou, S. N.
Rabinowitz, R.: *see* Cosentino, M. J.
Raeside, J. I.: *see* Ryan P. L.
Reichert, L. E., Jr.: *see* Krishnan, K. K.
Reid, C.: *see* Aitken, R. J.
Rivarola, M. A.: *see* Pasqualini, T.
Rivier, J.: *see* Pavlou, S. N.
Rogol, A. D.: *see* Veldhuis, J. D.
Rollet, J.: *see* Guerin, J-F.
Rosemberg, E.: American society of andrology: its beginnings, 72
Rosemberg, E.: Memorial tribute to Griff T. Ross, M.D., Ph.D, 1
Rui, H., Thomassen, Y., Oldereid, N. B., Purvis, K.: Accessory sex gland function in normal young (20-25 years) and middle-aged (50-55 years) men, 93
Ryan P. L., Friendship, R. M., Raeside, J. I.: Impaired estrogen production by leydig cells of the naturally retained testis in unilaterally cryptorchid boars and stallions, 100

S

Samuels, S. J.: *see* Katz, D. F.
Scandellari, C.: *see* Foresta, C.
Schanbacher, B. D.: *see* Awoniyi, C.
Shalet, S. M.: *see* Delic, J. I.
Sharpe, R. M.: *see* Bartlett, J. M. S.; *also see* Kerr, J. B.
Sherins, R. J.: *see* de Lamirande, E.; *also see* Shi, Y.
Shi, Y-F., Patterson, A. P., Sherins, R. J.: Increased plasma and pituitary prolactin concentrations in adult male rats with selective elevation of FSH levels may be explained by reduced testosterone and increased estradiol production, 105
Sluss, P. M.: *see* Krishnan, K. K.
Souchier, C.: *see* Guerin, J-F.
Spell, D. R.: *see* Flickinger, C. J.
Srinivasan, N., Aruldhas, M. M., Govindarajulu, P.: Sex steroid-induced changes in collagen of the prostate and seminal vesicle of rats, 55
Stafford, S. J.: *see* Beckman, W. C., Jr.
Steinberger, A.: *see* Janecki, A.
Stephens, D. T., Whaley, K. J., Klimkow, N. M., Goh, P., Hoskins, D. D.: Kinetic characterization of the inhibition of purified cynomolgus monkey lactate dehydrogenase isozymes by gossypol, 367

T

Talwar, G. P.: *see* Naz, R. K.
Tan, R. C.: *see* Piacsek, B. E.
Thomassen, Y.: *see* Rui, H.
Tomamichel, G. R., Bandhauer, K.: Seminal carnitine content in obstructive azoospermia: correlation with the anatomic level of obstruction, 328
Turner, T. T.: *see* Cheng, C. Y.; *also see* Hurt, G. S.

V

Van der Ven, H. H., Jeyendran, R. S., Al-Hasani, S., Perez-Pelaez, M., Diedrich, K., Zaneveld, L. J. D.: Correlation between human sperm swelling in hypoosmotic medium (hypoosmotic swelling test) and *in vitro* fertilization, 190
Vanderhoof, M. M.: *see* Foldesy, R. G.
Vandeweghe, M.: *see* Vermeulen, A.
Veldhuis, J. D., Rogol, A. D., Evans, W. S., Iranmanesh, A., Lizarralde, G., Johnson, M. L.: Spectrum of the pulsatile characteristics of LH release in normal men, 83
Vermeulen, A., Vandeweghe, M., Deslypere, J. P.: Prognosis of subfertility in men with corrected or uncorrected varicocele, 147

W

Wakefield, G.: *see* Pavlou, S. N.
Warner, P. E.: *see* Aitken, R. J.
Whaley, K. J.: *see* Stephens, D. T.

Y

Yacoub, S. G.: *see* Auroux, M. R.
Yarbro, E. S.: *see* Flickinger, C. J.
Yoshida, H., Miyamoto, K., Yoshida, T., Ogawa, H., Imamura, K.: Implantation of artificial spermatocele with cup-shaped prosthesis for excretory azzoospermia and chemical management of aspirated spermatozoa, 220
Yoshida, T.: *see* Yoshida, H.

Z

Zaneveld, L. J. D.: *see* Van der Ven, H. H.